

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NO. US030231 <b>107565662</b>
INTERNATIONAL APPLICATION NO. PCT/IB2004/051281	INTERNATIONAL FILING DATE 22 July 2004	PRIORITY DATE CLAIMED 25 July 2003
TITLE OF INVENTION FILAMENT CUTOUT CIRCUIT		
APPLICANT(S) FOR DO/EO/US Rama VENKAT; Patrick J. KEEGAN; Ernesto MENDOZA		
Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. [ ] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. [ ] This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.</p> <p>4. [ ] The US has been elected (Article 31).</p> <p>5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. [ ] Is attached hereto (required only if not transmitted by the International Bureau).        b. [X] has been communicated by the International Bureau.        c. [ ] Is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).        a. [ ] Is attached hereto.        b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))        a. [ ] are attached hereto (required only if not communicated by the International Bureau).        b. [ ] have been communicated by the International Bureau.        c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.        d. [X] have not been made and will not be made.</p> <p>8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. [X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. [ ] An English language translation of the annexes of the international Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. [X] An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. [X] An assignment document for recording. A separate cover sheet is compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. [X] A preliminary amendment.</p> <p>14. [ ] An Application Data Sheet under 37 CFR 1.76.</p> <p>15. [ ] A substitute specification.</p> <p>16. [ ] A power of attorney and/or change of address letter.</p> <p>17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. [X] Other items or information: Express Mail Certificate; PTO/SB/80; Charge Authorization; Receipt Confirmation Postcard PTO/SB/08A; PTO/SB/08B; PTO/SB/96</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Mailing Label No.: EV746348428US

Date of Deposit: January 23, 2006

I hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Box PCT, P.O. Box 1450, Alexandria, VA 22313-1450.

Elissa DeLucy  
Name

Elissa DeLucy  
Signature

**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**  
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U.S. APPLICATION NO. (If known) (37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/IB2004/051281	ATTORNEY'S DOCKET NUMBER US030231
The following fees have been submitted:			
21. [ X ] Basic National Fee.....		\$300	CALCULATIONS \$300.00  \$200.00
22. [ ] Examination Fee (If International preliminary examination report prepared by USPTO and all claims satisfy provisional of: PCT Article 33(1)-(4)..... All other situations.....		\$100 \$200	
23. [ ] Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared and provided to the Office.... All other situations.....		\$100 \$400 \$500	\$400.00
		TOTAL OF 21, 22 and 23 =	\$900.00
[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets -100	Extra Sheets /50 =	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE X \$250
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	40 - 20 =	20	X \$ 50.00
Independent claims	6 - 3 =	3	X \$ 200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00
TOTAL OF ABOVE CALCULATIONS =			
[ ] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½			
SUBTOTAL = \$2,500.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			
TOTAL NATIONAL FEE = \$2,500.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			
TOTAL FEES ENCLOSED = \$2,540.00			
Amount to be Refunded			
Amount to be Charged \$2,540.00			
<p>a. [ ] A check in the amount \$_____ to cover the above fees is enclosed.</p> <p>b. [ X ] Please charge my Deposit Account No. <u>14-1270</u> (Customer No. 24737) In the amount of <u>\$2,540.00</u> to cover the above fees.</p> <p>c. [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-1270</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. [ ] Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			